ser: Kir	n Johnston F	Process Sheet		
ustomer ob Number stimate Number .O. Number his Issue rsht Rev. irst Issue revious Run /ritten By hecked & Appro omment	: N/A : 6/28/2007 S.O. No. : NA : NC : NA Type : THERMOFORMING : 33245A :		: A119 BUBBLE WINDOW : D36242 : D3624 Rev. C. : NIA : WAR C. 467.06.28 : 7/10/2007 Qty:	5 Um: Each
b Number:				
Seq. #:	Machine Or Operation:	Description :		
1.0	?	.177" PLEXIGLAS G CLEAR CAST	FACRYLIC SH	07. 81 /200
Comi	ment: Oty.: 10.0000 sf(s)/Unit Total: 50.000 0.177" PLEXIGLAS G CLEAR CAST ACRYLI		N 104375	4 105075
2.0		IAND FINISHING RESOURCE #1		∞? व/ अ
Comi	ment: HAND FINISHING RESOURCE #1 Trim Blank for Thermoformer	te. F	8.07. W. Pro	
3.0	THERMOFORMING T	HERMOFORMING MACHINE		
Comr	Thermoform as per Dwg. D3624	Test. Folio FTA 004 Rev. A	PTO 6-28-07 Da-	૭?.૦7, સ
	Dwg. Rev.			
	Folio Rev	NSPECT PARTS AS THEY COME	OFF MACHINE	
4.0	003	TO, LOT, THE TOTAL THE TOTAL		
4.0				
	ment: INSPECT PARTS AS THEY COME OFF MAC 1) Check Surface finish for undesired marks,		PTO.	07-07.4

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES								
DATE STEP		PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector			
07.07.28 07.07,31	2	RE-WRITE FOLIO DUE TO CORPUPT OPERATING PROGRAM. Verily program retreate 3 parts.	Dh.	07.67.70						

Part No:	PAR #:	Fault Category:	NCR: Yes No DQA:	Date:	
			QA: N/C Closed:	Date:	

NCR:	1	WORK ORDER NON-CONFORMANCE (NCR)							
DATE	STEP	Description of NC Section A	Initial Chie∳∕⊈ng	Corrective Action Section B Action Description Chief Eng	Sign &	Verification Section C	Approval Chief Eng	Approval QC Inspector	
June 28/1		J. SCRAD - BLISTERS. 1- USE FOR JILL 3- GOOD. 1-MAY NEED DEVIATION 2- SCRAP BRISTERS (REWAY 3- GOOD AS PER FOLIO AE	0, 7051042	Placed under review 07.0629. All production to be scrapped. 7 pieces for Rewrite folio to correct verity parts with ENG.	0 10 0 7 (8	1070723 1070723	Exon.	100000 10000000 1000000000000000000000	
					,				

NOTE: Date & initial all entries

Kim Johnston **Process Sheet** Drawing Name: A119 BUBBLE WINDOW Customer: CU-DAR001 Dart Helicopters Services Part Number: D36242 Job Number: 33247A Job Number: Description: Seq. #: Machine Or Operation: 07.02.21 Wh. HAND FINISHING RESOURCE #1 HAND FINISHING1 5.0 Comment: HAND FINISHING RESOURCE #1 Mark out with template and trim to finish dimensions. DIMENSIONAL CHECK 6.0 QC6 07.07.23 Comment: DIMENSIONAL CHECK SECOND CHECK 70 QC8 07.07-23 Comment: SECOND CHECK HAND FINISHING RESOURCE #2 8.0 07.07.21 5h Comment: HAND FINISHING RESOURCE #6 ! Polish out mould marks. Z - Etch Part# & Batch # INSPECT WORK TO CURRENT STEP Comment: INSPECT WORK TO CURRENT STEP PACKAGING RESOURCE #1 10.0 Comment: PACKAGING RESOURCE #1/ FINAL INSPECTIONWIO RELEASE ENGINEERING QC21 11.0 APPROVAL Comment: FINAL INSPECTION/W/O RELEASE 4 A-S7.23 Job Completion

Thursday, 6/28/2007 2:21:35 PM

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W/O:		WORK ORDER CHANGES						
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
•								

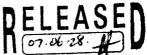
Part No:	PAR #:	Fault Category:	NCR: Yes No DQA:	Date:
	<u>ئ</u>			
	tura ram		QA: N/C Closed:	Date:
	المراجعة ا		<u> </u>	

NCR:	;	<u> </u>	ORK OR	DER NON-CONFORMANC	E (NCR)			
		Description of NC		Corrective Action Section B		Verification	Approval	Approval
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	QC Inspector
AU1.23	9.0	ship.	9	Use for a tool, per Donich Blaphard. I clustify AS DT				
		,	Esial	I count by As DI			Pasar	10Aer-23

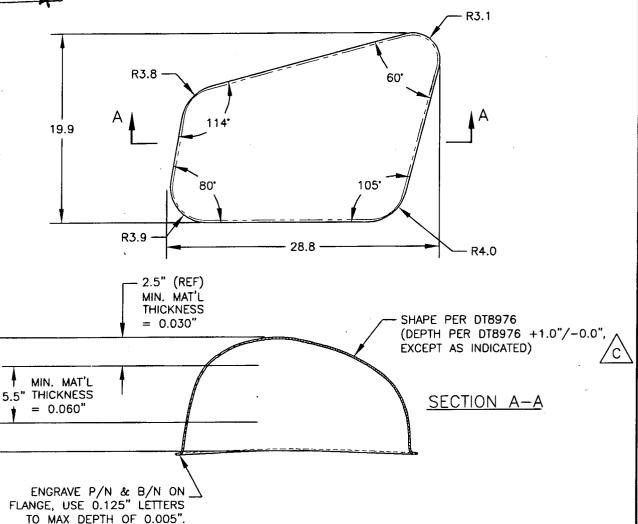
NOTE: Date & initial all entries



DESIGN	9	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA				
CHECKE	D	APPROVED	DRAWING NO.	REV. C			
	#	#	D3624	SHEET 1 OF 1			
DATE	<u>_</u>		TITLE	SCALE			
07.06	5.27		BUBBLE WINDOW (A119)	1:10			
Α		07.05.14	NEW ISSUE				



Α	07.05.14	NEW ISSUE
В	07.05.24	11.0" DEPTH WAS 12.0"
С	07.06.27	ADD TOOL TO CONTROL BUBBLE SHAPE



D3624-2 BUBBLE WINDOW

MAX DEPTH

11.0"±0.25"

3.0" -

MIN. MAT'L

THICKNESS

= 0.100"

1) MATERIAL: POLYCAST II CLEAR ACRYLIC OR PLEXIGLAS "G" CAST ACRYLIC, 0.177" THICK

SHOP COPY RETURN TO

(REF DART SPEC. M-ACRYLIC-S.177)
2) FORM PER DT8953

ENGINEERING

FORMING PROCESS: (a) DRAPE MAT'L OVER DT8953 MOLD

UNCONTROLLED COPY

(b) HEAT TO 286°F
(c) VACUUM TO SPECIFIED HEIGHT
(d) LEAVE FOR AT 2 MINUTES TO COOL

SUBJECT TO AMENDMENT
WITHOUT NOTICE

(e) TRIM WINDOW PER DT8954

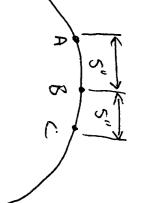
WORK ORDER

3) ALL DIMENSIONS ARE IN INCHES

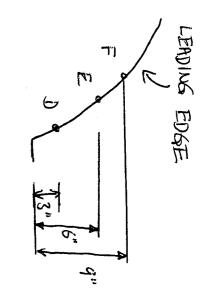
4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED

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SIDE VIEW



TOP VIEW

	П	L1	D	C	B	Þ	
	0.065	0.082	0.095	0.038	0.034	0.051	TEST FLIGHT PRATO (REF)
	0.059	0.052	0.060	0.039	0.058	0.078	RETURNED (REF)
Sirke Starts	0.057	0.063	0,080	0.052	0.048	720.0	M105675 (1)
Acceptate Aorm Hornsh	0.058	240.0	0.087	0.041	0,040	750.0	m105675 (2)
Accepitate.	0.063	0.068	780,0	6,059	0.054	0.061	M105075 (1) M105075 (2)

W 07.07.23

Date: Wednesday, 23/04/2008 1:11:46 PM

User: Linda Lacelle

JOB HISTORY : DETAIL

Job Number Customer : Dart Helicopters Services : 33247A **DWG Name** : A119 BUBBLE WINDOW **Estimate Number** : 12911 **Part Number** : D36242 Purchase Order # ; REV. A **DWG Number** :D3624 Rev. **Complete Date** : 23/07/2007 3:45:40 **DELIVERED DUEDATE ORDERED** 10/07/2007 5 1.0 MACRYLICS177-0.177" PLEXIGLAS G CLEAR CAST ACRYLIC SH COST *EMPLOYEE* **TYPE** Qtv DATE Lot # 104325 Qty. 163 \$753.17 LACE01: Lacelle, Linda MACRYLICS177 193.000 23/07/2007 Lot # 105075 Qty. 30 0 CTD: 193 \$753.17 Subtotal: QTD: Internal Operation 4 - 15 - 45 2.0 HAND FINISHING1 Mary spirit MTime(hrs) | Mach. Cost DATE EMPLOYEE Qtv Time(hrs) COST 0.25 0.25 \$4.77 21/07/2007 LEGE01: Leger, Daryl Run 0.000 Subtotal: OTD: 0 CTD: 0 0.25 \$14.02 3.0 THERMOFORMING Internal Operation Time(hrs) COST MTime(hrs) Mach.Cost **EMPLOYEE** Qty DATE TYPE \$47.68 Run 2.50 21/07/2007 LEGE01: Leger, Daryl 0.000 0 2.50 \$145.41 Subtotal: QTD: 0 CTD: 4.0 QC2 Internal Operation **EMPLOYEE** Qty Time(hrs) COST MTime(hrs) Mach.Cost DATE TYPE 0.25 0.00 21/07/2007 Run 0.000 0.25 LEGE01: Leger, Daryl 0 CTD: 0 \$4.77 Subtotal: QTD: 5.0 HAND FINISHING1 Internal Operation **EMPLOYEE** Time(hrs) COST MTime(hrs) Mach.Cost DATE TYPE Qty \$42.91 2.25 83.24 Run 0.000 2.25 21/07/2007 LEGE01: Leger, Daryl \$126.15 Subtotal: QTD: 0 CTD: TIME COST 5.25 \$190.22 Machine Time: Labor: 5.25 \$100.13 Sub-contract (external Op.): \$0.00 \$753.17 INVENTORY ITEM: \$0.00 SUB-COMPONENT (SUB-JOB): \$1043.52 Total: COST PER UNIT: \$347.84